

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First
Named
Inventor: Paula J. Bates

Serial No.: 10/607,455 Group Art Unit No. 1644

Filing Date: June 26, 2003 Examiner Phuong N. Huynh

Title: METHOD FOR THE DETECTION
OF APOPTOSIS

INFORMATION DISCLOSURE STATEMENT

M.S. – Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached Form PTO-1449, required copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent.

Please note that some of the references cited in this Information Disclosure Statement may have been previously cited in an earlier Information Disclosure Statement.

Respectfully submitted,



Paul E. Rauch, Ph.D.
Registration No. 38,591

Evan Law Group, LLC
600 West Jackson
Suite 625
Chicago, IL 60661
(312) 876-1400

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

U.S. PATENT DOCUMENTS							
Examiner Initials*		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	Z1	US 2002/0028488	03/2002	Singh, et al.			
	Z2	4,474,892	10/1984	Murad, et al.			
	Z3	4,522,811	06/1985	Eppstein, et al.			
	Z4	4,665,897	05/1987	Lemelson			
	Z5	5,093,246	03/1992	Cech, et al.			
	Z6	5,192,660	03/1993	Reed-Gitomer			
	Z7	5,545,807	08/1996	Surani, et al.			
	Z8	5,567,595	10/1996	Kok			
	Z9	5,629,197	05/1997	Ring, et al.			
	Z10	5,736,348	04/1998	Goldenberg, et al.			
	Z11	5,770,429	06/1998	Lonberg, et al.			
	Z12	5,925,334	07/1999	Rubin, et al.			
	Z13	5,932,475	08/1999	Bandman, et al.			
	Z14	6,048,703	04/2000	Siman, et al.			
	Z15	6,096,532	08/2000	Armstrong, et al.			
	Z16	6,291,643	09/2001	Zou, et al.			
	Z17	6,306,404	10/2001	LaPosta, et al.			
	Z18	6,325,785	12/2001	Babkes, et al.			
	Z19	6,339,075	01/2002	King, et al.			
	Z20	6,350,452	02/2002	Riss			
	Z21	6,462,189	10/2002	Koide			
	Z22	6,506,559	01/2003	Fire, et al.			
	Z23	2005/0053607	03/2005	Bates et al.			
Examiner			Date Considered				

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

	Z25	2003-0194754	10/2003	Miller et al.			
--	-----	--------------	---------	---------------	--	--	--

FOREIGN PATENT DOCUMENTS								
Examiner Initials*		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	Y1	DE 10037861	02/2002	DE				
	Y2	JP 07 242566	09/1995	JP				
	Y3	WO 00/61597	10/2000	WO				
	Y4	WO 01/32832	05/2001	WO				
	Y5	WO 01/68836	09/2001	WO				
	Y6	WO 01/75164	10/2001	WO				
	Y7	WO 01/917871	12/2001	WO				
	Y8	WO 02/12437	02/2002	WO				
	Y9	WO 02/44321	06/2002	WO				
	Y10	WO 03/029277	04/2003	WO				
	Y11	WO 03/086174	10/2003	WO				
	Y12	WO 03/087124	10/2003	WO				
	Y13	WO 95/20401	08/1995	WO				
	Y14	WO 97/22250	06/1997	WO				
	Y15	WO 98/24893	06/1998	WO				
	Y16	WO 98/40480	09/1998	WO				
	Y17	WO 00/63250	10/2000	WO				
	Y18	WO 01/35093	05/2001	WO				X
	Y19	WO 99/06588	02/1999	WO				
	Y20	WO 04/003554	01/2004	WO				
	Y21	WO 03/08617	10/2003	WO				
	Y22	WO 05/035579	04/2005	WO				

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
First Named Inventor Paula J. Bates		
Filing Date: June 26, 2003		Group: 1644
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

Examiner Initials*	OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
X1	Abaza, M.S.I, et al, "Effects of amino acid substitutions outside an antigenic site on protein binding to monoclonal antibodies of predetermined specificity obtained by peptide immunization: Demonstration with region 94-100 (antigenic site 3) of myoglobin". <i>Journal of Protein Chemistry</i> , vol. 11, no. 5, pp. 433-444, (1992).
X3	Aihara, M, et al, "The frequency of apoptosis correlates with the prognosis of Gleason Grade 3 adenocarcinoma of the prostate", <i>Cancer</i> , vol. 75, no. 2, pp. 522-529, (1995).
X5	Ali, S, et al, "Absorption, distribution, metabolism, and excretion of a respirable antisense oligonucleotide for asthma", <i>Am J Respir Crit Care Med</i> , vol. 163, no. 4, pp. 989-993, (2001).
X7	Alvarez-Gonzalez, R, et al, "Selective loss of poly(ADP-ribose) and the 85-kDa fragment of poly(ADP-ribose) polymerase in nucleoli during alkylation-induced apoptosis of HeLa Cells", <i>J Biol Chem</i> , vol. 274, no. 45, pp. 32122-32126, (1999).
X8	Anderson, H.J, et al, "Flow cytometry of mitotic cells", <i>Exp Cell Research</i> , vol. 238, no. 2, pp. 498-502, (1998).
X11	Ballou, B, et al, "Three-Dimensional Imaging of Nucleolin Trafficking in Normal Cells, Transfectants, and Heterokaryons", <i>SPIE</i> , vol. 2680, pp. 124-131, (1996).
X12	Ballou, B, et al, "Tumor Detection and Visualization Using Cyanine Fluorochrome-Labeled Antibodies", <i>Biotechnol Prog</i> , vol. 13, pp. 649-658, (1997).
X13	Ballou, B, et al, "Tumor Labeling in Vivo Using Cyanine-Conjugated Monoclonal Antibodies", <i>Cancer Immunol Immunother</i> , vol. 41, pp. 257-263, (1995).
X14	Ballou, B, et al, Abstract of "Cyanine Fluorochrome-Labeled Antibodies In Vivo: Assessment of Tumor Imaging Using Cy3, Cy5, Cy5.5, and Cy7", <i>Cancer Detect Prev</i> , vol. 22, no. 3, pp. 251-257, (1998).
X15	Baran, N, et al, "The SV40 large T-antigen helicase can unwind four stranded DNA structures linked by G-quartets", <i>Nucleic Acids Research</i> , vol. 25, no. 2, pp. 297-303, (1997).
X17	Bates, P.J, et al, "Antiproliferative activity of G-rich oligonucleotides correlates with protein binding", <i>The Journal of Biological Chemistry</i> , vol. 274, no. 37, pp. 26369-26377, (1999).
X19	Beilinger, C, et al, "Binding, uptake, and intracellular trafficking of phosphorothioate-modified oligodeoxynucleotides", <i>J Clin Invest</i> , vol. 95, no. 4, pp. 1814-1823, (1995).
X20	Benimetskaya, L, et al, "Formation of a G-tetrad and higher order structures correlates with biological activity of the RetA (NF-kappaB p65) 'antisense' oligodeoxynucleotide", <i>Nucleic Acids Research</i> , vol. 25, no. 13, pp. 2648-2656, (1997).
X21	Benton, B.M, et al, "A novel FK506- and rapamycin-binding protein (FPR3 gene product) in the yeast <i>Saccharomyces cerevisiae</i> is a praline rotamase localized to the nucleolus", <i>J Cell Biol</i> , vol. 127, no. 3, pp. 623-639, (1994).
X23	Bergsmedh, A, et al, "Loss of the p21(Cip1/Waf1) cyclin kinase inhibitor results in propagation of horizontally transferred DNA", <i>Cancer Research</i> , vol. 62, no. 2, pp. 575-579, (2002).
X25	Bernstein, E, et al, "Role for a bidentate ribonuclease in the initiation step of RNA interference", <i>Nature</i> , vol. 409, no. 6818, pp. 363-366, (2001).
X26	Bharti, A.K, et al, "Identification of a nucleolin binding site in human topoisomerase I", <i>J Biol Chem</i> , vol. 271, no. 4, pp. 1993-1997, (1996).
X27	Biggiogera, M, et al, "Heterogeneous ectopic RNP-derived structures (HERDS) are markers of transcriptional arrest", <i>FASEB J</i> , vol. 14, no. 5, pp. 828-834, (2000).
X28	Biscotti, C.V, et al, "Apoptotic bodies: a consistent morphologic feature of endocervical adenocarcinoma in situ", <i>American Journal of Surgical Pathology</i> , vol. 22, no. 4, pp. 434-439, (1998).
X29	Bishop, J.S, et al, "Intramolecular G-quartet motifs confer nuclease resistance to a potent anti-HIV oligonucleotide", <i>J Biol Chem</i> , vol. 271, no. 10, pp. 5698-5703, (1996).
X31	Bock, L.C, et al, "Selection of single-stranded DNA molecules that bind and inhibit human thrombin", <i>Nature</i> , vol. 355, no. 6360, pp. 564-566, (1992).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

X33	Borggreve, T, et al, "A B-cell-specific DNA recombination complex", J Biol Chem, vol. 273, no. 27, pp. 17025-17035, (1998).
X35	Bortul, R, et al, "Nuclear changes in necrotic HL-60 cells", J Cell Biochem, vol. 81, no. S36, pp. 19-31, (2001).
X36	Boulares, A.H, et al, "Role of poly (ADP-ribose) polymerase (PARP) cleavage in apoptosis. Caspase 3-resistant PARP mutant increases rates of apoptosis in transfected cells", Journal of Biological Chemistry, vol. 274, no. 33, pp. 22932-22940, (1999).
X37	Boulares, A.H, et al, "Roles of DNA fragmentation factor and poly(ADP-ribose) polymerase in an amplification phase of tumor necrosis factor-induced apoptosis", Journal of Biological Chemistry, vol. 276, no. 41, pp. 38185-38192, (2001).
X38	Brockstedt, E, et al, "Identification of apoptosis-associated proteins in a human Burkitt lymphoma cell line. Cleavage of heterogeneous nuclear ribonucleoprotein A1 by caspase 3", J Biol Chem, vol. 273, no. 43, pp. 28057-28064, (1998).
X42	Buys, C.H, "Telomeres, telomerase, and cancer", N Engl J Med, vol. 342, no. 17, pp. 1282-1283, (2000).
X44	Callebaut, C, et al, "Identification of V3 loop-binding proteins as potential receptors implicated in the binding of HIV particles to CD4(+) cells", J Biol Chem, vol. 273, no. 34, pp. 21988-21997, (1998).
X45	Cannavo, G, et al, "Abnormal intracellular kinetics of cell-cycle-dependent proteins in lymphocytes from patients infected with human immunodeficiency virus: a novel biologic link between immune activation, accelerated t-cell turnover, and high levels of apoptosis", Blood, vol. 97, no. 6, pp. 1756-1764, (2001).
X46	Carney, D.N, et al, "Establishment and identification of small cell lung cancer cell lines having classic and variant features", Cancer Research, vol. 45, pp. 2913-2923, (1985).
X47	Carvalho, P.E, et al, "Useful prognostic panel markers to express the biological tumor status in resected lung adenocarcinomas", Jpn J Clin Oncol, vol. 30, no. 11, pp. 478-486, (2000).
X50	Choi, N.G, et al, "Apoptosis and nuclear shapes in benign prostate hyperplasia and prostate adenocarcinoma: comparison with and relation to Gleason score", Int J Urol, vol. 6, no. 1, pp. 13-18, (1999).
X53	Coqueret, O, et al, "Functional interaction of STAT3 transcription factor with the cell cycle inhibitor p21 ^{WAF1/CIP1/SDI1} ", J Biol Chem, vol. 275, no. 25, pp. 18794-18800, (2000).
X54	Cowan, K.H, et al, "Dihydrofolate reductase gene amplification and possible rearrangement in estrogen-responsive methotrexate-resistant human breast cancer cells", J Biol Chem, vol. 257, no. 24, pp. 15079-15086, (1982).
X57	D'Amours, D, et al, "Poly(ADP-ribosyl)ation reactions in the regulation of nuclear functions", Biochem J, vol. 342, pt. 2, pp. 249-268, (1999).
X60	Dapic, V, et al, "Antiproliferative activity of G-Quartet-forming oligonucleotides with backbone and sugar modifications", Biochemistry, vol. 41, no. 11, pp. 3676-3685, (2002).
X61	David, K, et al, "Initial characterization of the apoptosis-inducing receptor for natural human anti-neuroblastoma IgM", Med Pediatr Oncol, vol. 36, no. 1, pp. 251-257, (2001).
X62	David-Pfeuty, T, "Potent inhibitors of cyclin-dependent kinase 2 induce nuclear accumulation of wild-type p53 and nucleolar fragmentation in human untransformed and tumor-derived cells", Oncogene, vol. 18, no. 52, pp. 7409-7422, (1999).
X63	Davis, K.A, et al, "Staining of cell surface human CD4 with 2'-F-pyrimidine-containing RNA aptamers for flow cytometry", Nucleic Acids Research, vol. 26, pp. 3915-3924, (1998).
X64	De Jong, J.S, et al, "Number of apoptotic cells as a prognostic marker in invasive breast cancer", Br J Cancer, vol. 82, no. 2, pp. 368-373, (2000).
X65	Dempsey, L.A, et al, "A specific isoform of hnRNP D interacts with DNA in the LR1 heterodimer: canonical RNA binding motifs in a sequence-specific duplex DNA binding protein", J Biol Chem, vol. 273, no. 44, pp. 29224-29229, (1998).
X66	Dempsey, L.A, et al, "G4 DNA binding by LR1 and its subunits, nucleolin and hnRNP D. A role for G-G pairing in immunoglobulin switch recombination", J Biol Chem, vol. 274, no. 2, pp. 1066-1071, (1999).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

X68	Derenzini, M. "The AgNORs", Micron, vol. 31, no. 2, pp. 117-120, (2000).
X70	Desnoyers, S, et al, "Alteration of the nucleolar localization of poly(ADP-ribose) polymerase upon treatment with transcription inhibitors", Exp Cell Research, vol. 227, no. 1, pp. 146-153, (1996).
X71	Dickinson, L.A, et al, "Nucleolin is a matrix attachment region DNA-binding protein that specifically recognizes a region with high base-unpairing potential", Mol Cell Biology, vol. 15, no. 1, pp. 456-465, (1995).
X72	Dranovsky, A, et al, "Cdc2 phosphorylation of nucleolin demarcates mitotic stages and alzheimer's disease pathology", Neurobiol Aging, vol. 22, no. 4, pp. 517-528, (2001).
X73	Drews, J, "Drug discovery: a historical perspective", Science, vol. 287, no. 5460, pp. 1960-1964, (2000).
X74	Drews J, et al, "Classic drug targets (special pull-out)", Nature Biotechnology, vol. 15, (1997).
X75	Dryden, S, et al, "The lack of specificity of neuropeptide Y (NPY) antisense oligodeoxynucleotides administered intracerebroventricularly in inhibiting food intake and NPY gene expression in the rat hypothalamus", J Endocrinol, vol. 157, no. 1, pp. 169-175, (1998).
X76	Dumler, I, et al, "Urokinase-induced mitogenesis is mediated by casein kinase 2 and nucleolin", Curr Biol, vol. 9, no. 24, pp. 1468-1476, (1999).
X77	Dundr, M, et al, "The dynamics of postmitotic reassembly of the nucleolus", J Cell Biol, vol. 150, no. 3, pp. 433-446, (2000).
X78	Edwards, T.K, et al, "Role for nucleolin/Nsr1 in the cellular localization of topoisomerase I", J Biol Chem, vol. 275, no. 46, pp. 36181-36188, (2000).
X80	Erard, M.S, et al, "A major nucleolar protein, nucleolin, induces chromatin decondensation by binding to histone H1", Eur J Biochem, vol. 175, no. 3, pp. 525-530, (1988).
X81	European Search Report for Application No. 03728350.4 dated July 12, 2005.
X82	Facompre, M, et al, "Apoptotic response of HL-60 human leukemia cells to the antitumor drug NB-506, a glycosylated indolocarbazole inhibitor of topoisomerase 1", Biochem Pharmacol, vol. 61, no. 3, pp. 299-310, (2001).
X83	Feltzer, R.E, et al, "Alkaline proteinase inhibitor of Pseudomonas aeruginosa. Interaction of native and N-terminally truncated inhibitor proteins with Pseudomonas metalloproteinases", J Biol Chem, vol. 275, no. 28, pp. 21002-21009, (2000).
X85	Fry, M, et al, "Human Werner syndrome DNA helicase unwinds tetrahelical structures of the fragile X syndrome repeat sequence d(CGG)n", J Biol Chem, vol. 274, no. 18, pp. 12797-12802, (1999).
X87	Gascoyne, R.D, et al, "Prognostic significance of Bcl-2 protein expression and Bcl-2 gene rearrangement in diffuse aggressive non-Hodgkin's lymphoma", Blood, vol. 90, no. 1, pp. 244-251, (1997).
X89	Gautier, F, et al, "Production and characterisation of a monoclonal antibody specific for apoptotic bodies derived from several tumour cell lines", Journal of Immunological Methods, vol. 228, pp. 49-58, (1999).
X90	Gavrieli, Y, et al, "Identification of programmed cell death in situ via specific labeling of nuclear DNA fragmentation", The Journal of Cell Biology, vol. 119, no. 3, pp. 493-501, (1992).
X91	Gey, G, et al, "Tissue culture studies of the proliferative capacity of cervical carcinoma and normal epithelium", Cancer Research, vol. 12, pp. 264, (1952).
X92	Ghosh, M, et al, "Apoptosis in squamous cell carcinoma of the lung: correlation with survival and clinicopathological features", J Clin Pathol, vol. 54, no. 2, pp. 111-115, (2001).
X93	Giaccone, G, et al, "Neuremedin B is present in lung cancer cell lines", Cancer Research, vol. 52, pp. 2732s-2736s, (1992).
X94	Gibbs, J.B, "Mechanism-based target identification and drug discovery in cancer research", Science, vol. 287, no. 5460, pp. 1969-1973, (2000).
X95	Gil, D, et al, "Intracellular redistribution of nucleolin upon interaction with the CD3epsilon chain of the T cell receptor complex", J Biol Chem, vol. 276, no. 14, pp. 11174-11179, (2001).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
First Named Inventor Paula J. Bates		
Filing Date: June 26, 2003		Group: 1644
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

X96	Giles, R.V, et al, "Selecting optimal oligonucleotide composition for maximal antisense effect following streptolysin O-mediated delivery into human leukaemia cells", <i>Nucleic Acids Research</i> , vol. 26, no. 7, pp. 1567-1575, (1998).
X98	Ginisty, H, et al, "Structure and functions of nucleolin", <i>J Cell Science</i> , vol. 112, Pt. 6, pp. 761-772, (1999).
X102	Giraldo, R, et al, "The yeast telomere-binding protein RAP1 binds to and promotes the formation of DNA quadruplexes in telomeric DNA", <i>EMBO J</i> , vol. 13, no. 10, pp. 2411-2420, (1994).
X102	Green, D. W, et al, "Beta-catenin antisense treatment decreases beta-catenin expression and tumor growth rate in colon carcinoma xenografts", <i>J Surg Res</i> , vol. 101, no. 1, pp. 16-20, (2001).
X102	Grinstein, E, et al, "Nucleolin as Activator of Human Papillomavirus Type 18 Oncogene Transcription in Cervical Cancer", <i>J Exp Med</i> , vol. 196, no. 8, pp. 1067-1078, The Rockefeller University Press, (2002).
X104	Gudas, J.M, et al, "Drug-resistant breast cancer cells frequently retain expression of a functional wild-type p53 protein", <i>Carcinogenesis</i> , vol. 17, no. 7, pp. 1417-1427, (1996).
X105	Haese, A, "Serum markers for early detection and staging of prostate cancer, status report on current and future markers", <i>Urologe A</i> , vol. 42, no. 9, pp. 1172-1187, (2003). -- (Abstract Only)
X106	Halicka, H.D, et al, "Segregation of RNA and separate packaging of DNA and RNA in apoptotic bodies during apoptosis", <i>Exp Cell Research</i> , vol. 260, no. 2, pp. 248-256, (2000).
X108	Hanakahi, L.A, et al, "High affinity interactions of nucleolin with G-G-paired rDNA", <i>J Biol Chem</i> , vol. 274, no. 22, pp. 15908-15912, (1999).
X112	Harms, G, et al, "Identification of nucleolin as a new L-selectin ligand", <i>Biochem J</i> , vol. 360, pp. 531-538, (2001).
X113	Herceg, Z, et al, "Failure of poly(ADP-ribose) polymerase cleavage by caspases leads to induction of necrosis and enhanced apoptosis", <i>Mol Cell Biol</i> , vol. 19, no. 7, pp. 5124-5133, (1999).
X114	Hirata, D, et al, "Nucleolin as the earliest target molecule of autoantibodies produced in MRL/lpr lupus-prone mice", <i>Clin Immunol</i> , vol. 97, no. 1, pp. 50-58, (2000).
X116	Holdenrieder, S, et al, "Nucleosomes in serum as a marker for cell death", <i>Clin Chem Lab Med</i> , vol. 39, no. 7, pp. 596-605, (2001).
X117	Holdenrieder, S, et al, "Nucleosomes in serum of patients with benign and malignant diseases", <i>Int. J. Cancer</i> , vol. 95, pp. 114-120, (2001).
X118	Holdenrieder, S, et al, "Circulating nucleosomes in serum", <i>Annals New York Academy of Sciences</i> , vol. 945, pp. 93-102, (2001).
X119	Holdenrieder, S, et al, "Quantification of nucleosomes in serum by the cell death detection ELISAplus", <i>Biochemica</i> , no. 1, pp. 25-27, (2002), (http://www.roche-applied-science.com/biochemica/no1_02/PDF/p25.pdf).
X120	Holmgren, L, et al, "Horizontal transfer of DNA by the uptake of apoptotic bodies", <i>Blood</i> , vol. 93, no. 11, pp. 3956-3963, (1999).
X121	Horky, M, et al, "Segregation of nucleolar components coincides with caspase-3 activation in cisplatin-treated HeLa cells", <i>J Cell Science</i> , vol. 114, pt. 4, pp. 663-670, (2001).
X122	Hovanessian, A.G, et al, "The cell-surface-expressed nucleolin is associated with the actin cytoskeleton", <i>Experimental Cell Research</i> , vol. 261, pp. 312-328, (2000).
X123	Huang, Z, "Bcl-2 family proteins as targets for anticancer drug design", <i>Oncogene</i> , vol. 19, no. 56, pp. 6627-6631, (2000).
X125	International Search Report dated November 13, 2003 for PCT application number PCT/US03/20167.
X126	International Search Report dated August 3, 2004 for PCT application number PCT/US03/10745.
X127	International Search Report dated March 14, 2005 for PCT application number PCT/US04/033174.
X128	Irving, R.A, et al, "Ribosome display and affinity maturation: from antibodies to single v-domains and steps towards cancer therapeutics", <i>J Immunol Methods</i> , vol. 248, issues 1-2, pp. 31-45, (2001).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		
First Named Inventor Paula J. Bates		
Filing Date: June 26, 2003		Group: 1644

X130	Jordan, P, et al, "Major cell surface-located protein substrates of an ecto-protein kinase are homologs of known nuclear proteins", <i>Biochemistry</i> , vol. 33, no. 49, pp. 14696-14706, (1994).
X131	Jungblut, P.R, et al, "Proteomics in human disease: cancer, heart and infectious diseases", <i>Electrophoresis</i> , vol. 20, no. 10, pp. 2100-2110, (1999).
X134	Kennedy, T.C, et al, "Screening for lung cancer revisited and the role of sputum cytology and fluorescence bronchoscopy in a high-risk group", <i>Chest</i> , vol. 117, supplemental 4, pp. 72S-79S, (2000).
X136	Kerr, J.F, et al, "Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics", <i>Br J Cancer</i> , vol. 26, pp. 239-257, (1972).
X139	Kim, C.S, et al, "A micro double capillary method for rheologic measurements of lower airway secretions", <i>Bull Eur Physiopathol Respir</i> , vol. 18, pp. 915-927, (1982).
X144	Kuby, J, "Antigens", <i>Immunology</i> , Second Edition, chapter 4, pp. 85-96, W.H. Freeman and Company, New York, (1994).
X146	Kwiatkowski, B.A, et al, "Identification and cloning of a novel chromatin-associated protein partner of Epstein-Barr nuclear protein 2", <i>Experimental Cell Research</i> , vol. 300, pp. 223-233, (2004).
X148	Langer, P.R, et al, "Enzymatic synthesis of biotin-labeled polynucleotides: novel nucleic acid affinity probes", <i>Proc Natl Acad Sci USA</i> , vol. 78, pp. 6633-6637, (1981).
X150	Larrucea, S, et al, "Cellular adhesion mediated by factor J, a complement inhibitor. Evidence for nucleolin involvement", <i>J Biol Chem</i> , vol. 273, no. 48, pp. 31718-31725, (1998).
X151	Lau, Q.C, et al, "In vivo pro-apoptotic and antitumor efficacy of a c-Raf antisense phosphorothioate oligonucleotide: relationship to tumor size", <i>Antisense Nucleic Acid Drug Development</i> , vol. 12, no. 1, pp. 11-20, (2002).
X153	Leitinger, N, et al, "ADP-ribosylation of nucleolar proteins in HeLa tumor cells", <i>J Cell Biochem</i> , vol. 52, no. 2, pp. 153-158, (1993).
X154	Lichtenstein, A.V, et al, "Circulating nucleic acids and apoptosis", <i>Annals New York Academy of Sciences</i> , vol. 945, pp. 239-249, (2001).
X155	Lin, D.L, et al, "p53 is a mediator for radiation-repressed human TR2 orphan receptor expression in MCF-7 cells, a new pathway from tumor suppressor to member of the steroid receptor superfamily", <i>J Biol Chem</i> , vol. 271, pp. 14649-14652, (1996).
X156	Lin, S, et al, "The biochemical status of the DNA synthesome can distinguish between permanent and temporary cell growth arrest", <i>Cell Growth Differ</i> , vol. 8, no. 12, pp. 1359-1369, (1997).
X157	Little, C.D, et al, "Amplification and expression of the c-myc oncogene in human lung cancer cell lines", <i>Nature</i> , vol. 306, pp. 194-196, (1983).
X158	Liu, H, et al, "Construction of a GAL1-regulated yeast cDNA expression library and its application to the identification of genes whose overexpression causes lethality in yeast", <i>Genetics</i> , vol. 132, no. 3, pp. 665-673, (1992).
X160	Lovborg, H, et al, "Modulation of pyridyl cyanoguanidine (CHS 828) induced cytotoxicity by 3-aminobenzamide in U-937 GTB cells", <i>Biochem Pharmacol</i> , vol. 63, no. 8, pp. 1491-1498, (2002).
X162	Mann, M, et al, "Analysis of proteins and proteomes by mass spectrometry", <i>Annu Rev Biochem</i> , vol. 70, pp. 437-473, (2001).
X163	Martelli, A.M, et al, "Biochemical and Morphological characterization of the nuclear matrix from apoptotic HL-60 Cells", <i>Journal of Cellular Biochemistry</i> , vol. 72, no. 1, pp. 35-46, (1999).
X164	Martelli, A.M, et al, "Behavior of nucleolar proteins during the course of apoptosis in camptothecin-treated HL60 cells", <i>Journal of Cellular Biochemistry</i> , vol. 78, no. 2, pp. 264-277, (2000).
X165	Martelli, A.M, et al, "Nuclear apoptotic changes: an overview", <i>J Cell Biochem</i> , vol. 82, no. 4, pp. 634-646, (2001).
X166	Martin, S.J, et al, "Protease activation during apoptosis: death by a thousand cuts?" <i>Cell</i> , vol. 82, pp. 349-352, (1995).
X167	Matthews, D.A, "Adenovirus protein V induces redistribution of nucleolin and B23 from nucleolus to cytoplasm", <i>J Virol</i> , vol. 75, no. 2, pp. 1031-1038, (2001).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

X169	Mayer, T.U. et al. "Small molecule inhibitor of mitotic spindle bipolarity identified in a phenotype-based screen", Science, vol. 286, no. 5441, pp. 971-974, (1999).
X170	McEwen, C.N. et al. "Negative gold ion gun for liquid secondary ion mass spectrometry", Anal Chem, vol. 57, no. 4, pp. 890-892, (1985).
X172	McManus, M.T. et al. "Gene silencing using micro-RNA designed hairpins", RNA, vol. 8, no. 6, pp. 842-850, (2002).
X173	McNicol, A.M. et al. "Optimizing immunohistochemistry: antigen retrieval and signal amplification", Histopathology, vol. 32, pp. 97-103, (1998).
X175	Mi, Y. et al. "Validation of Nucleolin as a Novel Target for Cancer Drug Discovery", Proceedings of the American Association for Cancer Research Annual Meeting, vol. 43, March 2002, pp. 959-960, 93 rd Annual Meeting of the American Association for Cancer Research, San Francisco, California USA, April 05-10, 2002.
X176	Mickey, D.D. et al. "Heterotransplantation of a human prostatic adenocarcinoma cell line in nude mice", Cancer Research, vol. 37, pp. 4049-4058, (1977).
X177	Mikolajczyk, S. et al. "Tumor-associated forms of prostate specific antigen improve the discrimination of prostate cancer from benign disease", Rinsko Byori, vol. 52, no. 3, pp. 223-230, (2004).
X178	Minota, S. et al. "Autoantibodies to nucleolin in systemic lupus erythematosus and other diseases", J Immunol, vol. 146, no. 7, pp. 2249-2252, (1991).
X179	Miranda, G.A. et al. "The murine nucleolin protein is an inducible DNA and ATP binding protein which is readily detected in nuclear extracts of lipopolysaccharide-treated splenocytes", Exp Cell Research, vol. 217, no. 2, pp. 294-308, (1995).
X184	Murchie, A.I. et al. "Retinoblastoma susceptibility genes contain 5' sequences with a high propensity to form guanine-tetrad structures", Nucleic Acids Research, vol. 20, no. 1, pp. 49-53, (1992).
X185	Naito, M. et al. "ATP/Mg ²⁺ -dependent binding of vincristine to the plasma membrane of multidrug-resistant K562 cells", J Biol Chem, vol. 263, pp. 11887-11891, (1988).
X186	Nakanishi, K. et al. "Argyrophilic nucleolar-organizer region counts and DNA status in bronchioloalveolar epithelial hyperplasia and adenocarcinoma of the lung", Hum Pathol, vol. 29, no. 3, pp. 235-239, (1998).
X187	Navenot, J.M. et al. "Molecular anatomy of CCR5 engagement by physiologic and viral chemokines and HIV-1 envelope glycoproteins: differences in primary structural requirements for RANTES, MIP-1 alpha, and vMIP-II Binding", J Mol Biol, vol. 313, no. 5, pp. 1181-1193, (2001).
X189	Nichols, R.C. et al. "The RGG domain in hnRNP A2 affects subcellular localization", Exp Cell Research, vol. 256, no. 2, pp. 522-532, (2000).
X190	Nonomura, A. et al. "Demonstration of nucleolar organizer regions in lung carcinoma by silver staining", Surgery Today, vol. 23, pp. 486-490, (1993).
X191	Norgaard, J.M. et al. "FAB M4 and high CD14 surface expression is associated with high cellular resistance to Ara-C and daunorubicin: implications for clinical outcome in acute myeloid leukaemia", European Journal of Haematology, vol. 67, pp. 221-229, (2001).
X193	Ohkoudo, M. et al. "Morphometrical analysis of nucleolin immunohistochemistry in meningiomas", Acta Neuropathol, vol. 92, pp. 1-7, (1996).
X194	Orfao, A. et al. "General concepts about cell sorting techniques", Clin Biochem, vol. 29, pp. 5-9, (1996).
X196	Paddison, P.J. et al. "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells", Genes Dev, vol. 16, no. 8, pp. 948-958, (2002).
X198	Palomba, L. et al. "Apoptosis and necrosis following exposure of U937 cells to increasing concentrations of hydrogen peroxide: the effect of the poly(ADP-ribose) polymerase inhibitor 3-aminobenzamide", Biochem Pharmacol, vol. 58, no. 11, pp. 1743-1750, (1999).
X201	Pasternack, M.S. et al. "Granzyme A binding to target cell proteins Granzyme A binds to and cleaves nucleolin in vitro", J Biol Chem, vol. 266, no. 22, pp. 14703-14708, (1991).
X203	Pich, A. et al. "Prognostic relevance of AgNORs in tumor pathology", Micron, vol. 31, no. 2, pp. 133-141, (2000).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		
First Named Inventor Paula J. Bates		
Filing Date: June 26, 2003		Group: 1644

X204	Pinton, P. et al, "The Ca ²⁺ concentration of the endoplasmic reticulum is a key determinant of ceramide-induced apoptosis: significance for the molecular mechanism of Bcl-2 action", EMBO J, vol. 20, pp. 2690-2701, (2001).
X205	Pleschke, J.M. et al, "Poly(ADP-ribose) binds to specific domains in DNA damage checkpoint proteins", J Biol Chem, vol. 275, no. 52, pp. 40974-40980, (2000).
X207	Product Data Sheet for ab7898 from http://www.abcam.com/?datasheet=7898 , (1998-2006).
X206	Product Data Sheet for C23 (C-18): sc-9892, Santa Cruz Biotechnology, Inc, (2003).
X206	Product Data Sheet for C23 (MS-3): sc-8031, Santa Cruz Biotechnology, Inc, (2004).
X210	Product Data Sheet for C23 (F-18): sc-9893, Santa Cruz Biotechnology, Inc, (2003).
X214	Product Data Sheet for Monoclonal Antibody, Anti-Nucleolin M019-3, Medical & Biological Laboratories Co, LTD, www.mblintl.com , (2003).
X215	Product Data Sheet for Anti-Nucleolin, Clone 3G4B2, Upstate Biotechnology, http://www.upstate.com/browse/productdetail.asp?ProductId=05-565 , (2005).
X216	Puttaraju, M. et al, "Messenger RNA repair and restoration of protein function by spliceosome-mediated RNA trans-splicing", Mol Ther, vol. 4, no. 2, pp. 105-114, (2001).
X217	Raab de Verdugo, U. et al, "Characterization of a 100-kilodalton binding protein for the six serotypes of coxsackie B viruses", Journal of Virology, vol. 69, no. 11, pp. 6751-6757, (1995).
X219	Robinson, J.M. et al, "Antigen retrieval in cells and tissues: enhancement with sodium dodecyl sulfate", Histochem Cell Biol, vol. 116, pp. 119-130, (2001).
X221	Rosenthal, D.S. et al, "Detection of DNA breaks in apoptotic cells utilizing the DNA binding domain of poly(ADP-ribose) Polymerase with fluorescence microscopy", Nucleic Acids Research, vol. 25, no. 7, pp. 1437-1441, (1997).
X222	Rothenburg, S. et al, "A polymorphic dinucleotide repeat in the rat nucleolin gene forms Z-DNA and inhibits promoter activity", PNAS, vol. 98, no. 16, pp. 8985-8990, (2001).
X223	Roussel, P. et al, "Identification of Ag-NOR proteins, markers of proliferation related to ribosomal gene activity", Experimental Cell Research, vol. 214, no. 2, pp. 465-472, (1994).
X224	Roussel, P. et al, "Quantification of Ag-NOR proteins using Ag-NOR staining on western blots", Histochem Cytochem, vol. 42, no. 11, pp. 1513-1517, (1994).
X225	Saijo, Y. et al, "Contiguous four-guanosine sequence in c-myc antisense phosphorothioate oligonucleotides inhibits cell growth on human lung cancer cells: possible involvement of cell adhesion inhibition", Jpn J Cancer Research, vol. 88, no. 1, pp. 26-33, (1997).
X227	Sandoval, A. et al, "Distal recognition site for classical pathway convertase located in the C345C/netrin module of complement component C5", J Immunol, vol. 165, no. 2, pp. 1066-1073, (2000).
X228	Schade, R. et al, "Egg yolk antibodies, State of the art and future prospects", Alex 13, supplement 96, pp. 5-9, (1996).
X229	Schade, R. et al, "The production of avian (egg yolk) antibodies IgY. The report and recommendations of ECVAM workshop, Alternatives to laboratory animals (ATLA), vol. 24, pp. 925-934, (1996).
X230	Schimmer, A.D. et al, "Receptor- and mitochondrial-mediated apoptosis in acute leukemia: a translational view", Blood, vol. 98, no. 13, pp. 3541-3553, (2001).
X231	Schmidt-Acevedo, S. et al, "LE cells' result from phagocytosis of apoptotic bodies induced by antinuclear antibodies", Journal of Autoimmunity, vol. 15, pp. 15-20, (2000).
X234	Scovassi, A.I. et al, "Poly(ADP-ribosylation) and apoptosis", Molecular and Cellular Biochemistry, vol. 199, pp. 125-137, (1999).
X235	Semenkovich, C.F. et al, "A protein partially expressed on the surface of HepG2 cells that binds lipoproteins specifically is nucleolin", Biochemistry, vol. 29, no. 41, pp. 9708-9713, (1990).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
First Named Inventor Paula J. Bates		
Filing Date: June 26, 2003		Group: 1644
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

X237	Shall, S, et al, "Poly(ASP-ribose) polymerase-1: what have we learned from the deficient mouse model?", <i>Mutat Res</i> , vol. 460, no. 1, oo, 1-15, (2000).
X238	Shall, S, "Poly (ADP-ribosylation)-a common control process?", <i>Bioessays</i> , vol. 24, no. 2, pp. 197-201, (2002).
X239	Sharma, S, et al, "Development of inhalational agents for oncologic use", <i>J Clin Oncol</i> , vol. 19, no. 6, pp. 1839-1847, (2001).
X241	Sharp, P.A, et al, "Molecular biology. RNA interference", <i>Science</i> , vol. 287, no. 5462, pp. 2431-2433, (2000).
X242	Shaw, J.P, et al, "Modified deoxynucleotides stable to exonuclease degradation in serum", <i>Nucleic Acids Res</i> , vol. 19, no. 4, pp. 747-750, (1991).
X244	Shi, S.R, et al, "Antigen retrieval immunohistochemistry: past, present, and future", <i>J Histochem Cytochem</i> , vol. 45, pp. 327-343, (1997).
X245	Shi, S.R, et al, "Antigen retrieval techniques: current perspectives", <i>J Histochem Cytochem</i> , vol. 49, pp. 931-937, (2001).
X246	Shiohawa, D, et al, "Inhibitors of poly(ADP-ribose) polymerase suppress nuclear fragmentation and apoptotic-body formation during apoptosis in HL-60 cells", <i>FEBS Letters</i> , vol. 413, no. 1, pp. 99-103, (1997).
X249	Skulstad, S, et al, "Labeling of surface proteins of herpes simplex virus type 1 using a modified biotin-streptavidin system", <i>Virus Research</i> , vol. 37, no. 3, pp. 253-270, (1995).
X251	Sohn, J.H, et al, "Caspase-3/CPP32 immunoreactivity and its correlation with frequency of apoptotic bodies in human prostatic carcinomas and benign nodular hyperplasias", <i>Histopathology</i> , vol. 37, no. 6, pp. 555-560, (2000).
X252	Soldani, C, et al, "Poly(ADP-ribose) polymerase cleavage during apoptosis: when and where?", <i>Exp Cell Res</i> , vol. 269, no. 2, pp. 193-201, (2001).
X254	Sorokina, E.A, et al, "Cloning and preliminary characterization of a calcium-binding protein closely related to nucleolin on the apical surface of inner medullary collecting duct cells", <i>J Biol Chem</i> , vol. 274, no. 39, pp. 27491-27496, (1999).
X257	Srivastava, M, et al, "Molecular dissection of nucleolin's role in growth and cell proliferation: new insights", <i>FASEB J</i> , vol. 13, no. 14, pp. 1911-1922, (1999).
X259	Stegh, A.H, et al, "DEDD, a novel death effector domain-containing protein, targeted to the nucleolus", <i>EMBO J</i> , vol. 17, no. 20, pp. 5974-5986, (1998).
X260	Stein, C.A, "Is irrelevant cleavage the price of antisense efficacy?", <i>Pharmacol Ther</i> , vol. 85, no. 3, pp. 231-236, (2000).
X261	Stein, C.A, "Keeping the biotechnology of antisense in context", <i>Nat. Biotechnol</i> , vol. 17, no. 3, pp. 209, (1999).
X263	Stone, K.R, et al, "Isolation of a human prostate carcinoma cell line (DU 145)", <i>Int J Cancer</i> , vol. 21, pp. 274-281, (1978).
X264	Stroun, M, et al, "About the possible origin and mechanism of circulating DNA apoptosis and active DNA release", <i>Clin Chim Acta</i> , vol. 313, no. 1-2, pp. 139-142, (2001).
X265	Stryer, L, "Levels of structure in protein architecture", <i>Biochemistry</i> , Third Edition, chapter 2, pp. 31-33, W.H. Freeman Company, New York, (1988).
X268	Sundquist, W.I, et al, "Evidence for interstrand quadruplex formation in the dimerization of human immunodeficiency virus 1 genomic RNA", <i>Proc Natl Acad Science USA</i> , vol. 90, no. 8, pp. 3393-3397, (1993).
X269	Sutton, V.R, et al, "Initiation of apoptosis by granzyme B requires direct cleavage of bid, but not direct granzyme B-mediated caspase activation", <i>J Exp Med</i> , vol. 192, no. 10, pp. 1403-1413, (2000).
X271	Takahashi, T, et al, "p53: a frequent target for genetic abnormalities in lung cancer", <i>Science</i> , vol. 246, pp. 491-494, (1989).
X274	Tentori, L, et al, "Potential clinical applications of poly(ADP-ribose) polymerase (PARP) inhibitors", <i>Pharmacol Res</i> , vol. 45, no. 2, pp. 73-85, (2002).
X275	Thornberry, N.A, et al, "Caspases: enemies within", <i>Science</i> , vol. 281, pp. 1312-1316, (1998).

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

X276	Tockman, M.S., et al, "Prospective detection of preclinical lung cancer: results from two studies of heterogeneous nuclear ribonucleoprotein A2/B1 overexpression", Clin Cancer Research, vol. 3, no. 12, pt. 1, pp. 2237-2246, (1997).
X278	Tormanen, U., et al, "Enhanced apoptosis predicts shortened survival in non-small cell lung carcinoma", Cancer Research, vol. 55, no. 23, pp. 5595-5602, (1995).
X279	Trere, D., "AgNOR staining and quantification", Micron, vol. 31, no. 2, pp. 127-131, (2000).
X280	Tu, G.C., et al, "Tetranucleotide GGGA motif in primary RNA transcripts. Novel target site for antisense design", J Biol Chem, vol. 273, no. 39, pp. 25125-25131, (1998).
X281	Tuteja, N., et al, "Human DNA helicase IV is nucleolin, an RNA helicase modulated by phosphorylation", Gene, vol. 160, no. 2, pp. 143-148, (1995).
X282	Tuteja, R., et al, "Nucleolin: a multifunctional major nucleolar phosphoprotein", Crit Rev Biochem Mol Biol, vol. 33, pp. 407-436, (1998).
X283	van de Loosdrecht, A.A., et al, "A tetrazolium-based colorimetric MTT assay to quantitate human monocyte mediated cytotoxicity against leukemic cells from cell lines and patients with acute myeloid leukemia", J Immunol Methods, vol. 174, pp. 311-320, (1994).
X284	Waggoner, S., et al, "Viral ribonucleoprotein complex formation and nucleolar-cytoplasmic relocation of nucleolin in poliovirus-infected cells", J Virol, vol. 72, no. 8, pp. 6699-6709, (1998).
X286	Wang, Y., et al, "Regulation of dna replication after heat shock by replication protein a-nucleolin interactions", J Biol Chem, vol. 276, no. 23, pp. 20579-20588, (2001).
X288	Wang, Z.Q., et al, "PARP is important for genomic stability but dispensable in apoptosis", Genes Dev, vol. 11, no. 18, pp. 2347-2358, (1997).
X289	Weisenberger, D., et al, "A possible mechanism for the inhibition of ribosomal RNA gene transcription during mitosis", J Cell Biol, vol. 129, no. 3, pp. 561-575, (1995).
X290	White, J.R., et al, "Phosphorothioate-capped antisense oligonucleotides to Ras GAP inhibit cell proliferation and trigger apoptosis but fail to downregulate GAP gene expression", Biochem Biophys Res Commun, vol. 227, no. 1, pp. 118-124, (1996).
X291	Whittles, C.E., et al, "Apoptotic and proliferative activity in the neoplastic progression of Barrett's oesophagus: a comparative study", The Journal of Pathology, vol. 187, issue 5, pp. 535-540, (1999).
X295	Wurzer, G., et al, "Increased resistance to anticancer therapy of mouse cells lacking the poly(ADP-ribose) polymerase attributable to up-regulation of the multidrug resistance gene product P-glycoprotein", Cancer Research, vol. 60, no. 15, pp. 4238-4244, (2000).
X296	Wyatt, J.R., et al, "Combinatorially selected guanosine-quartet structure is a potent inhibitor of human immunodeficiency virus envelope-mediated cell fusion", Proc Natl Acad Sci USA, vol. 91, no. 4, pp. 1356-1360, (1994).
X297	Wyllie, A.H., et al, "Cell death: the significance of apoptosis", International Review of Cytology, vol. 68, pp. 251-306, (1980).
X298	Wysocki, L.J., et al, "'Panning' for lymphocytes: a method for cell selection", Proc Natl Acad Sci USA, vol. 75, no. 6, pp. 2844-2848, (1978).
X299	Xu, X., et al, "Inhibition of DNA replication and induction of S phase cell cycle arrest by G-rich oligonucleotides", The Journal of Biological Chemistry, vol. 276, no. 46, pp. 43221-43230, (2001).
X302	Yao, G.Q., et al, "Identification of two oligodeoxyribonucleotide binding proteins on plasma membranes of human cell lines", Biochemical Pharmacology, vol. 51, pp. 431-436, (1996).
X303	Xiao-Ming, Y., "Signal transduction mediated by Bid, a pro-death Bcl-2 family proteins, connects the death receptor and mitochondria apoptosis pathways", Cell Research, vol. 10, no. 3, pp. 161-167, (2000).
X304	European Search Report dated October 25, 2006 for PCT application number PCT/US03/20167.

Examiner	Date Considered
----------	-----------------

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. LOU01-011-US	Serial No. 10/607,455
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	First Named Inventor Paula J. Bates	
	Filing Date: June 26, 2003	Group: 1644

X305	Mi, Y., et al., "Apoptosis in Leukemia cells is accompanied by alterations in the levels and localization of Nucleolin", The Journal of Biological Chemistry, vol. 278, no. 10, pp. 8572-8579, (2003).
X306	Rosen, A., et al., "Autoantigens as substrates for apoptotic proteases: implications for the pathogenesis of systemic autoimmune disease", Cell Death and Differentiation, vol. 6, no. 1, pp. 6-12, (1999).
X307	Masters, J.R.W., "Human cancer cell lines: fact and fantasy", Nature Reviews Molecular Cell Biology, vol. 1, pp. 233-236, (2000).

Examiner	Date Considered
----------	-----------------